PTO/SB/06A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Substitute for form 1449A/PTO

US-

Complete if Known						
Application Number	10/056,233					
Filing Date	12/03/2001					
First Named Inventor	Gummin					
Art Unit	2834					
Exeminer Name						
Attorney Docket Number	6100					

		( bc 645.35				
Examiner Initials	No.1	Oncument Number Number- Kind Code <sup>2</sup> (# known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Closs - Subc 64525
J. Com	G1 G2	us-6,218,762 us-5,763,979	04-17-2001 06-09-1998	Hill Mukherjee	See discussion in	3/0/307
100	G3	us 5,685,148	11-11-1997	Robert	accompanying	60/527
60	G5	us 5,563,466 us 5,556,370	10-08-199 <u>6</u> 09-17-1996	Rennex Maynard	Preliminary  Amendment	600/151
56		us 5,344,506 us 5,312,152	09-06-1994 05-17-1994	DeAngelis Woebkenberg	Amendment	294/86.4
R	G8	U8-5,172,551	12-22-1992	Nakajima	• • • • • • • • • • • • • • • • • • • •	60/52
	G9 G10	us 4,977,886 us 4,586,335	12-18-1990 05-06-1986	Takehana Hosoda		600/151
200	G11	us-4,579,006 us-3,940,935	04-01-1986 _ 03-02-1976	Hosoda Richardson		73/862.381
E.		us- 2,975,307	01-02-1958	Schroeder		3/0/309
	<b>-</b>	US- US-				,
		U8- US-				
		US-	· · · • · · ·		• • • • • • • • • • • • • • • • • • • •	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials		Foreign Patent Document  County Code 3 - Number 4 - Number 4 (Fireign)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τę	01955	50 bc 1955
200	G14	DE 195 09 177	09-19-1996	Ziegler				
200		DE 4 209 815	09-30-1993	Klawuhn				
1	G16	FR 2 730 766	08-23-1996	Noel				
16	G17	UK 2 334 046	08-11-1999	Western Atlas (Re	inhardt)			
		UK 2 093 589	09-02-1982	Garness				
Yaa.		EPO 0 147 491	07-10-1985	Spar Aerospace				
16	<b>G20</b>	WO 98/08355	02-26-1998	Northern Telecom				
X	G21	WO 01/12985 A1	02-22-2001	MacGregor				

Examiner Date Signature Considered

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 3 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Applicant is to place a check merk here if English tanguage Translation is attached.

Englast language translatural is attaction.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.